BeamZ Pro

Ignite 220 Spot



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**13, 17 channels**
Beam angle	**12-24°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 460 × 220 mm**
GDTF fixture type	**A9BA1CB5-2375-4CED-9E05-80…**

Controls

Focus · Prism · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

DMX modes

13 Ch	13 ch
15 Ch	17 ch
17 Ch	17 ch

13 Ch

13 channels

Ch	Function	Default	DMX values
1	Pan	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
2	Tilt	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
3	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–158 -100 159–189 -050 190–222 000 223–254 050 255–255 100
4	Gobo	0	0–9 Wheel Slot 0 (wheel slot 1) 10–19 Wheel Slot 1 (wheel slot 2) 20–29 Wheel Slot 2 (wheel slot 3) 30–39 Wheel Slot 3 (wheel slot 4) 40–49 Wheel Slot 4 (wheel slot 5) 50–59 Wheel Slot 5 (wheel slot 6) 60–79 Wheel Slot 6 (wheel slot 7) 80–99 Wheel Slot 1 (wheel slot 2) 100–119 Wheel Slot 2 (wheel slot 3) 120–139 Wheel Slot 3 (wheel slot 4) 140–159 Wheel Slot 4 (wheel slot 5) 160–179 Wheel Slot 5 (wheel slot 6) 180–219 Wheel Slot 6 (wheel slot 7) 220–237 001 238–254 050 255–255 100
5	Gobo Rotation	0	0–3 No Function 4–65 -100 66–127 -050 128–192 000 193–254 050 255–255 100

13 Ch (continued)

Ch	Function	Default	DMX values
6	Gobo 2	0	0–14 Wheel Slot 0 OPEN (wheel slot 1) 15–29 Wheel Slot 1 (wheel slot 2) 30–44 Wheel Slot 2 (wheel slot 3) 45–59 Wheel Slot 3 (wheel slot 4) 60–74 Wheel Slot 4 (wheel slot 5) 75–89 Wheel Slot 5 (wheel slot 6) 90–104 Wheel Slot 6 (wheel slot 7) 105–119 Wheel Slot 7 (wheel slot 8) 120–134 Wheel Slot 1 (wheel slot 2) 135–149 Wheel Slot 2 (wheel slot 3) 150–164 Wheel Slot 3 (wheel slot 4) 165–179 Wheel Slot 4 (wheel slot 5) 180–194 Wheel Slot 5 (wheel slot 6) 195–209 Wheel Slot 6 (wheel slot 7) 210–224 Wheel Slot 7 (wheel slot 8) 225–238 001 239–254 050 255–255 100
7	Shutter / Strobe	255	0–31 CLOSED 32–63 OPEN 64–71 Shutter1Strobe LINEAR · 001 1–6.42 Hz 72–79 Shutter1Strobe LINEAR · 025 7.19–12.6 Hz 80–87 Shutter1Strobe LINEAR · 050 13.4–18.8 Hz 88–94 Shutter1Strobe LINEAR · 075 19.6–24.2 Hz 95–95 Shutter1Strobe LINEAR · 100 25 Hz 96–127 Open 128–131 Shutter1Strobe PULSE OPEN · 001 1–3.2 Hz 132–135 Shutter1Strobe PULSE OPEN · 025 3.93–6.13 Hz 136–139 Shutter1Strobe PULSE OPEN · 050 6.87–9.07 Hz 140–142 Shutter1Strobe PULSE OPEN · 075 9.8–11.3 Hz 143–143 Shutter1Strobe PULSE OPEN · 100 12 Hz 144–148 Shutter1Strobe PULSE CLOSE · 001 12–9.07 Hz 149–151 Shutter1Strobe PULSE CLOSE · 025 8.33–6.87 Hz 152–155 Shutter1Strobe PULSE CLOSE · 050 6.13–3.93 Hz 156–158 Shutter1Strobe PULSE CLOSE · 075 3.2–1.73 Hz 159–159 Shutter1Strobe PULSE CLOSE · 100 1 Hz 160–191 Open 192–199 Shutter1Strobe RANDOM · 001 1–4.84 Hz 200–207 Shutter1Strobe RANDOM · 025 5.39–9.23 Hz 208–215 Shutter1Strobe RANDOM · 050 9.77–13.6 Hz 216–222 Shutter1Strobe RANDOM · 075 14.2–17.5 Hz 223–223 Shutter1Strobe RANDOM · 100 18 Hz 224–255 Open
8	Dimmer	0	0–62 000 63–127 025 128–191 050 192–254 075 255–255 100
9	Focus	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
10	Zoom	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

13 Ch (continued)

Ch	Function	Default	DMX values
11	Prism	0	0–5 Prism1 OPEN (wheel slot 1) 6–127 Prism1 3-facet (wheel slot 2) 128–158 000 (wheel slot 2) 159–189 025 (wheel slot 2) 190–223 050 (wheel slot 2) 224–254 075 (wheel slot 2) 255–255 100 (wheel slot 2)
12	Position MSpeed	0	0–56 000 57–112 025 113–168 050 169–224 075 225–225 100 226–235 Blackout Position 236–245 Blackout Effects 246–255 No Function
13	Control1	0	0–79 Idle 80–84 Reset: ALL 85–87 Reset: Pan/Tilt 88–90 Reset: Effect Colors 91–93 Reset: Effect Gobo 94–96 Idle 97–99 Reset: MISC 100–108 AutoProgram 1 109–117 AutoProgram 2 118–126 AutoProgram 3 127–135 AutoProgram 4 136–144 AutoProgram 5 145–153 AutoProgram 6 154–162 AutoProgram 7 163–171 AutoProgram 8 172–180 AutoProgram 9 181–189 Sound-to-Light 1 190–198 Sound-to-Light 2 199–207 Sound-to-Light 3 208–216 Sound-to-Light 4 217–225 Sound-to-Light 5 226–234 Sound-to-Light 6 235–243 Sound-to-Light 7 244–252 Sound-to-Light 8 253–255 Sound-to-Light 9

15 Ch

17 channels

Ch	Function	Default	DMX values
1	Pan	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt

15 Ch (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–158 -100 159–189 -050 190–222 000 223–254 050 255–255 100
6	Gobo	0	0–9 Wheel Slot 0 (wheel slot 1) 10–19 Wheel Slot 1 (wheel slot 2) 20–29 Wheel Slot 2 (wheel slot 3) 30–39 Wheel Slot 3 (wheel slot 4) 40–49 Wheel Slot 4 (wheel slot 5) 50–59 Wheel Slot 5 (wheel slot 6) 60–79 Wheel Slot 6 (wheel slot 7) 80–99 Wheel Slot 1 (wheel slot 2) 100–119 Wheel Slot 2 (wheel slot 3) 120–139 Wheel Slot 3 (wheel slot 4) 140–159 Wheel Slot 4 (wheel slot 5) 160–179 Wheel Slot 5 (wheel slot 6) 180–219 Wheel Slot 6 (wheel slot 7) 220–237 001 238–254 050 255–255 100
7	Gobo Rotation	0	0–3 No Function 4–65 -100 66–127 -050 128–192 000 193–254 050 255–255 100
8	Gobo 2	0	0–14 Wheel Slot 0 OPEN (wheel slot 1) 15–29 Wheel Slot 1 (wheel slot 2) 30–44 Wheel Slot 2 (wheel slot 3) 45–59 Wheel Slot 3 (wheel slot 4) 60–74 Wheel Slot 4 (wheel slot 5) 75–89 Wheel Slot 5 (wheel slot 6) 90–104 Wheel Slot 6 (wheel slot 7) 105–119 Wheel Slot 7 (wheel slot 8) 120–134 Wheel Slot 1 (wheel slot 2) 135–149 Wheel Slot 2 (wheel slot 3) 150–164 Wheel Slot 3 (wheel slot 4) 165–179 Wheel Slot 4 (wheel slot 5) 180–194 Wheel Slot 5 (wheel slot 6) 195–209 Wheel Slot 6 (wheel slot 7) 210–224 Wheel Slot 7 (wheel slot 8) 225–238 001 239–254 050 255–255 100

15 Ch (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	255	0–31 CLOSED 32–63 OPEN 64–71 Shutter1Strobe LINEAR · 001 1–6.42 Hz 72–79 Shutter1Strobe LINEAR · 025 7.19–12.6 Hz 80–87 Shutter1Strobe LINEAR · 050 13.4–18.8 Hz 88–94 Shutter1Strobe LINEAR · 075 19.6–24.2 Hz 95–95 Shutter1Strobe LINEAR · 100 25 Hz 96–127 Open 128–131 Shutter1Strobe PULSE OPEN · 001 1–3.2 Hz 132–135 Shutter1Strobe PULSE OPEN · 025 3.93–6.13 Hz 136–139 Shutter1Strobe PULSE OPEN · 050 6.87–9.07 Hz 140–142 Shutter1Strobe PULSE OPEN · 075 9.8–11.3 Hz 143–143 Shutter1Strobe PULSE OPEN · 100 12 Hz 144–148 Shutter1Strobe PULSE CLOSE · 001 12–9.07 Hz 149–151 Shutter1Strobe PULSE CLOSE · 025 8.33–6.87 Hz 152–155 Shutter1Strobe PULSE CLOSE · 050 6.13–3.93 Hz 156–158 Shutter1Strobe PULSE CLOSE · 075 3.2–1.73 Hz 159–159 Shutter1Strobe PULSE CLOSE · 100 1 Hz 160–191 Open 192–199 Shutter1Strobe RANDOM · 001 1–4.84 Hz 200–207 Shutter1Strobe RANDOM · 025 5.39–9.23 Hz 208–215 Shutter1Strobe RANDOM · 050 9.77–13.6 Hz 216–222 Shutter1Strobe RANDOM · 075 14.2–17.5 Hz 223–223 Shutter1Strobe RANDOM · 100 18 Hz 224–255 Open
10	Dimmer	0	0–62 000 63–127 025 128–191 050 192–254 075 255–255 100
11	Focus	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Zoom	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Prism	0	0–5 Prism1 OPEN (wheel slot 1) 6–127 Prism1 3-facet (wheel slot 2) 128–158 000 (wheel slot 2) 159–189 025 (wheel slot 2) 190–223 050 (wheel slot 2) 224–254 075 (wheel slot 2) 255–255 100 (wheel slot 2)
14	Position MSpeed	0	0–56 000 57–112 025 113–168 050 169–224 075 225–225 100 226–235 Blackout Position 236–245 Blackout Effects 246–255 No Function

15 Ch (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–79 Idle 80–84 Reset: ALL 85–87 Reset: Pan/Tilt 88–90 Reset: Effect Colors 91–93 Reset: Effect Gobo 94–96 Idle 97–99 Reset: MISC 100–108 AutoProgram 1 109–117 AutoProgram 2 118–126 AutoProgram 3 127–135 AutoProgram 4 136–144 AutoProgram 5 145–153 AutoProgram 6 154–162 AutoProgram 7 163–171 AutoProgram 8 172–180 AutoProgram 9 181–189 Sound-to-Light 1 190–198 Sound-to-Light 2 199–207 Sound-to-Light 3 208–216 Sound-to-Light 4 217–225 Sound-to-Light 5 226–234 Sound-to-Light 6 235–243 Sound-to-Light 7 244–252 Sound-to-Light 8 253–255 Sound-to-Light 9
16	Color Wheel Select MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Gobo Wheel1MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

17 Ch

17 channels

Ch	Function	Default	DMX values
1	Pan	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt

17 Ch (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–15 Wheel Slot 0 Open (wheel slot 1) 16–31 Wheel Slot 1 (wheel slot 2) 32–47 Wheel Slot 2 (wheel slot 3) 48–63 Wheel Slot 3 (wheel slot 4) 64–79 Wheel Slot 4 (wheel slot 5) 80–95 Wheel Slot 5 (wheel slot 6) 96–111 Wheel Slot 6 (wheel slot 7) 112–127 Wheel Slot 7 (wheel slot 8) 128–158 -100 159–189 -050 190–222 000 223–254 050 255–255 100
6	Gobo	0	0–9 Wheel Slot 0 (wheel slot 1) 10–19 Wheel Slot 1 (wheel slot 2) 20–29 Wheel Slot 2 (wheel slot 3) 30–39 Wheel Slot 3 (wheel slot 4) 40–49 Wheel Slot 4 (wheel slot 5) 50–59 Wheel Slot 5 (wheel slot 6) 60–79 Wheel Slot 6 (wheel slot 7) 80–99 Wheel Slot 1 (wheel slot 2) 100–119 Wheel Slot 2 (wheel slot 3) 120–139 Wheel Slot 3 (wheel slot 4) 140–159 Wheel Slot 4 (wheel slot 5) 160–179 Wheel Slot 5 (wheel slot 6) 180–219 Wheel Slot 6 (wheel slot 7) 220–237 001 238–254 050 255–255 100
7	Gobo Rotation	0	0–3 No Function 4–65 -100 66–127 -050 128–192 000 193–254 050 255–255 100
8	Gobo 2	0	0–14 Wheel Slot 0 OPEN (wheel slot 1) 15–29 Wheel Slot 1 (wheel slot 2) 30–44 Wheel Slot 2 (wheel slot 3) 45–59 Wheel Slot 3 (wheel slot 4) 60–74 Wheel Slot 4 (wheel slot 5) 75–89 Wheel Slot 5 (wheel slot 6) 90–104 Wheel Slot 6 (wheel slot 7) 105–119 Wheel Slot 7 (wheel slot 8) 120–134 Wheel Slot 1 (wheel slot 2) 135–149 Wheel Slot 2 (wheel slot 3) 150–164 Wheel Slot 3 (wheel slot 4) 165–179 Wheel Slot 4 (wheel slot 5) 180–194 Wheel Slot 5 (wheel slot 6) 195–209 Wheel Slot 6 (wheel slot 7) 210–224 Wheel Slot 7 (wheel slot 8) 225–238 001 239–254 050 255–255 100

17 Ch (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	255	0–31 CLOSED 32–63 OPEN 64–71 Shutter1Strobe LINEAR · 001 1–6.42 Hz 72–79 Shutter1Strobe LINEAR · 025 7.19–12.6 Hz 80–87 Shutter1Strobe LINEAR · 050 13.4–18.8 Hz 88–94 Shutter1Strobe LINEAR · 075 19.6–24.2 Hz 95–95 Shutter1Strobe LINEAR · 100 25 Hz 96–127 Open 128–131 Shutter1Strobe PULSE OPEN · 001 1–3.2 Hz 132–135 Shutter1Strobe PULSE OPEN · 025 3.93–6.13 Hz 136–139 Shutter1Strobe PULSE OPEN · 050 6.87–9.07 Hz 140–142 Shutter1Strobe PULSE OPEN · 075 9.8–11.3 Hz 143–143 Shutter1Strobe PULSE OPEN · 100 12 Hz 144–148 Shutter1Strobe PULSE CLOSE · 001 12–9.07 Hz 149–151 Shutter1Strobe PULSE CLOSE · 025 8.33–6.87 Hz 152–155 Shutter1Strobe PULSE CLOSE · 050 6.13–3.93 Hz 156–158 Shutter1Strobe PULSE CLOSE · 075 3.2–1.73 Hz 159–159 Shutter1Strobe PULSE CLOSE · 100 1 Hz 160–191 Open 192–199 Shutter1Strobe RANDOM · 001 1–4.84 Hz 200–207 Shutter1Strobe RANDOM · 025 5.39–9.23 Hz 208–215 Shutter1Strobe RANDOM · 050 9.77–13.6 Hz 216–222 Shutter1Strobe RANDOM · 075 14.2–17.5 Hz 223–223 Shutter1Strobe RANDOM · 100 18 Hz 224–255 Open
10	Dimmer	0	0–62 000 63–127 025 128–191 050 192–254 075 255–255 100
11	Focus	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Zoom	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Prism	0	0–5 Prism1 OPEN (wheel slot 1) 6–127 Prism1 3-facet (wheel slot 2) 128–158 000 (wheel slot 2) 159–189 025 (wheel slot 2) 190–223 050 (wheel slot 2) 224–254 075 (wheel slot 2) 255–255 100 (wheel slot 2)
14	Position MSpeed	0	0–56 000 57–112 025 113–168 050 169–224 075 225–225 100 226–235 Blackout Position 236–245 Blackout Effects 246–255 No Function

17 Ch (continued)

Ch	Function	Default	DMX values
15	Control1	0	0–79 Idle 80–84 Reset: ALL 85–87 Reset: Pan/Tilt 88–90 Reset: Effect Colors 91–93 Reset: Effect Gobo 94–96 Idle 97–99 Reset: MISC 100–108 AutoProgram 1 109–117 AutoProgram 2 118–126 AutoProgram 3 127–135 AutoProgram 4 136–144 AutoProgram 5 145–153 AutoProgram 6 154–162 AutoProgram 7 163–171 AutoProgram 8 172–180 AutoProgram 9 181–189 Sound-to-Light 1 190–198 Sound-to-Light 2 199–207 Sound-to-Light 3 208–216 Sound-to-Light 4 217–225 Sound-to-Light 5 226–234 Sound-to-Light 6 235–243 Sound-to-Light 7 244–252 Sound-to-Light 8 253–255 Sound-to-Light 9
16	Color Wheel Select MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Gobo Wheel1MSpeed	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100